Remarks

In view of the forgoing amendments and following remarks responsive to the Office Action dated April 19, 2006, Applicant respectfully requests favorable reconsideration of this application.

The Office objected to claim 3 due to an informality. Since applicant has herein cancelled claim 3, this rejection is moot.

The Office further rejected claims 1-4, 6-11, and 13-19 as anticipated by Sundhar and claims 1, 5, 6, 9, 12, and 13 as anticipated by Little.

The present invention pertains to the type of foldable sun shield that are commonly used on the windshield of a car or other vehicle to block the sunlight from entering the car in order to keep the car cool. In accordance with the present invention, the sun shield includes solar cells for powering devices. In one preferred embodiment of the invention, the device, such as a fan, heat exchange unit, or cooling unit, is integral with the sun shield. The shield folds like an accordion along perforations in the shield.

Sundhars discloses an air conditioner that is powered by solar cells on a solar panel shield 12 positioned interiorly near the front window of the car. The shield is mounted on a rod 20, which, in turn, is mounted on a mounting means for mounting the apparatus to the dashboard of the car. Although Sundhars contains no disclosure of how the shield folds, it appears to roll around the rod 20. The air conditioner is located in the trunk of the vehicle.

Little discloses a combinations solar cell and battery fabricated by thin film deposition techniques on a substrate. Little does not contain any disclosure as to

vehicles, sunshields, folding, or integrating the device to be powered (other than a battery) into the substrate.

Applicant has herein amended claim 1 to recite that the substrate is of the type of one of those sun shields commonly used in automobiles. Specifically, it recites that the substrate is foldable along perforations. This is not found in either Little or Sundhars, as described above. Sundhars discloses a custom design mounting mechanism involving a rod 20 and a mounting mechanism 21. Little has nothing to do with a folding substrate.

Accordingly, claim 1 patentably distinguishes over the prior art of record. Independent claims 9 and 16 have been amended similarly. Accordingly, they also distinguish over the prior art of record for at least all of the same reasons.

All of the other claims depend from one of claims 1, 9, and 16, and therefore distinguish over the prior art of record for at least all of the same reasons.

Nevertheless, the dependent claims add even further distinguishing features. For instance, dependent claims 5 and 10 both add that the powered device is integral with the substrate and comprises one of a fan, a cooling unit, and a heat exchange unit. The Office cited Little as teaching the powered device being integral with the substrate. However, Little merely teaches integrating a thin film battery with the substrate. It does not teach integrating an actual working device such as a fan, cooling unit, or heat exchange unit, none of which can be fabricated using thin film technology.

Accordingly, claims 5 and 10 even further distinguish over the prior art of record.

In view of the foregoing amendments and remarks, this application is now in condition for allowance. Applicant respectfully requests the Office to issue a Notice of Allowance at the earliest possible date. The Examiner is invited to contact Applicant's undersigned counsel by telephone call in order to further the prosecution of this case in any way.

Respectfully submitted,

Dated: July 18, 2006

/Theodore Naccarella/

Theodore Naccarella, Reg. No. 33,023
Synnestvedt & Lechner LLP
2600 Aramark Tower
1101 Market Street
Philadelphia, PA 19107
Telephone: (215) 923-4466
Facsimile: (215) 923-218

Attorneys for Applicant

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